



# MASTER SON-T PIA Plus

# MST SON-T PIA Plus 100W E40 1SL/12

High Pressure Sodium lamp with clear tubular outer bulb, high output and long reliable lifetime

#### Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

#### **Product data**

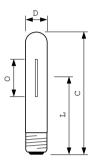
General Information		Voltage (Nom)	100 V	
Cap-Base	E40 [E40]	Voltage (Nom)	100 V	
Operating Position	UNIVERSAL [Any or Universal (U)]			
Flux measurement reference	Sphere	Controls and Dimming		
Life to 50% Failures (Nom)	28,000 hour(s)	Dimmable	Yes	
Light Technical		Mechanical and Housing		
Color Code	220 [CCT of 2000K]	Bulb Finish	Clear	
Luminous Flux	10,600 lm	Bulb Shape	T46 [T 46mm]	
Chromaticity Coordinate X (Nom)	0.535			
Chromaticity Coordinate Y (Nom)	0.42	Approval and Application		
Correlated Color Temperature (Nom)	2000 K	Energy Efficiency Class	F	
Luminous Efficacy (rated) (Nom)	105 lm/W	Mercury (Hg) Content (Max)	16.3 mg	
Color rendering index (CRI)	-	Mercury (Hg) Content (Nom)	14.3 mg	
		Energy Consumption kWh/1000 h	101 kWh	
Operating and Electrical		EPREL Registration Number	473289	
Power Consumption	101.0 W			

## **MASTER SON-T PIA Plus**

Product Data	
Order product name	MST SON-T PIA Plus 100W E40 1SL/12
Full product name	MST SON-T PIA Plus 100W E40 1SL/12
Full product code	871829118071500
Order code	928483300095
Material Nr. (12NC)	928483300095

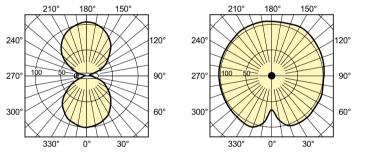
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291180715
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291180722

#### **Dimensional drawing**

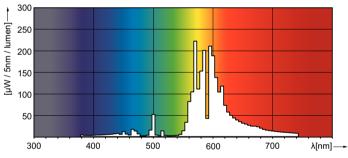


Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 100W E40 1SL/12	47 mm	47 mm	132 mm	209 mm

#### Photometric data

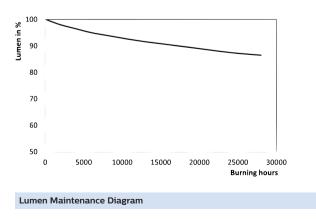


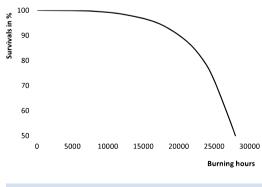
Light Distribution Diagram - MST SON-T PIA Plus 100W E40 1SL/12



Spectral Power Distribution Colour - MST SON-T PIA Plus 100W E40 1SL/12







#### Life Expectancy Diagram

#### Datasheet, 2023, April 16

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